



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

**Willem den Boer, Tin Nguyen, and
Patrick J. Green**

Application No. 10/825,922

Filed: April 16, 2004

For: **IMAGE SENSOR WITH
PHOTOSENSITIVE THIN FILM
TRANSISTORS AND DARK
CURRENT COMPENSATION**

Group Art Unit: 2811

Examiner:

Date: January 13, 2005

Confirmation No. 8924

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

TO THE COMMISSIONER FOR PATENTS:

1. Pursuant to the duty of disclosure, documents listed on the accompanying Form PTO-1449 (or equivalent) are presented for the Examiner's consideration.

- ☒ Copies of listed U.S. patents and U.S. patent application publications are not required for submission. (37 C.F.R. § 1.98(a)(2)(ii))
- ☐ Copies of listed foreign patent documents and non-patent literature are enclosed. (37 C.F.R. § 1.98(a)(2))
- ☒ Copies of the documents listed at cite Nos. BA-BBQ and CA of the attached Form PTO-1449 (or equivalent) are omitted because they are already of record in U.S. Patent Application No. 10/217,798, filed August 12, 2002, which is accessible via the Image File Wrapper System of the U.S. Patent and Trademark Office.
- ☐ A copy of pending U.S. Patent Application No. _____, filed _____, for _____, listed at (sheet/cite no.) _____ of the attached Form PTO-1449 (or equivalent), ☐ is enclosed / ☐ is omitted. (Copy not required if available via IFW. 1287 OG 163 (Oct. 19, 2004).)

2. This information disclosure statement is being submitted (check box a., b., or c.):

- a. ☒ Within three months of the filing date of a national application or entry of the national stage in an international application; or before the mailing of a first Office action on the merits; or before the mailing of a first Office

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action after the filing of a request for continued examination under 37 CFR 1.114. (No statement under 37 CFR 1.97(e) is required.); or

- b. ☐ After the period set forth in paragraph 2a, but before the mailing date of either a final action, a notice of allowance, or an action that otherwise closes prosecution in the application. (Check box i. or ii.)
- i. ☐ A \$180.00 information disclosure statement submission fee set forth in 37 CFR 1.17(p) is enclosed, or
- ii. ☐ A statement specified by 37 CFR 1.97(e) is set forth below; or
- c. ☐ After the mailing date of a final action or notice of allowance and on or before payment of the issue fee. A statement specified by 37 CFR 1.97(e) is set forth below. Enclosed is a \$180.00 information disclosure statement processing fee set forth in 37 CFR 1.17(p).
3. If a statement specified by 37 CFR 1.97(e) is required, the attorney or agent signing below hereby states that:
- ☐ each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; or
- ☐ no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.
4. ☐ A concise explanation of the relevance of each document not in the English language and/or selected documents in the English language is set forth below.

Respectfully submitted,

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By


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Attorney Docket No. 11429/27:1

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/825,922
Filing Date	April 16, 2004
First Named Inventor	Willem den Boer
Art Unit	2811
Examiner Name	
Attorney Docket Number	11429/27:1

Sheet 1 of 1

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner Signature	/Chia Wei Chen/	Date Considered	03/26/2010
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*EXAMINER: Include if/ reference considers whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Indicate copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). * See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document: For appropriate classification, as indicated on the document under WIPO Standard ST.16 if possible. * Applicant is to place a check mark here if English language TO: is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual cases. Any comments on the amount of time you require to complete this form should be sent to the USPTO. Comments should be sent to the Director, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FORM PTO-109 (Modified)

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ATTY. DOCKET NO.

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SERIAL NO.

10/825,922

APPLICANT

Willem den Boer et al.

FILING DATE

April 16, 2004

GROUP

2811

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,220,815	Sept. 2, 1980	Gibson, et al.			
	AB	4,320,292	March 16, 1982	Oikawa, et al.			
	AC	4,345,248	Aug. 17, 1982	Togashi, et al.			
	AD	4,476,463	Oct. 9, 1984	Ng, et al.			
	AE	4,481,510	Nov. 6, 1984	Harong, et al.			
	AF	4,603,356	July 29, 1986	Bates			
	AG	4,644,338	Feb. 17, 1987	Aoki, et al.			
	AH	4,655,532	April 7, 1987	Togashi, et al.			
	AI	4,662,718	May 5, 1987	Masubuchi			
	AK	4,679,909	July 14, 1987	Hamada, et al.			
	AL	4,684,939	Aug. 4, 1987	Sreit			
	AM	4,698,460	Oct. 6, 1987	Krein, et al.			
	AN	4,720,869	Jan. 19, 1988	Wadia			
	AO	4,740,712	April 26, 1988	Aoki, et al.			
	AP	4,767,192	Aug. 30, 1988	Chang, et al.			
	AQ	4,772,101	Sept. 20, 1988	Liu			
	AR	4,782,327	Nov. 1, 1988	Kley, et al.			
	AS	4,782,328	Nov. 1, 1988	Dentinger			
	AT	4,785,564	Nov. 22, 1988	Gurter			
	AU	4,794,634	Dec. 27, 1988	Torihara, et al.			
	AV	4,814,760	Mar. 21, 1989	Johnson, et al.			
	AW	4,917,474	April 17, 1990	Yamazaki, et al.			
	AX	5,051,570	Sept. 24, 1991	Tsujikawa, et al.			
	AY	5,105,186	April 14, 1992	May			
	AZ	5,140,151	Aug. 18, 1992	Heikinen, et al.			
	AA	5,153,420	Oct. 6, 1992	Hock, et al.			



AAB	5,172,104	Dec. 15, 1992	Turizaki, et. al.			
AAC	5,204,651	April 20, 1993	Hack, et. al.			
AAD	5,236,850	Aug. 17, 1993	Zhang			
AAE	5,243,332	Sept. 17, 1993	Jacobson			
AAF	5,339,090	Aug. 16, 1994	Crossland, et. al.			
AAG	5,339,091	Aug. 16, 1994	Yamazaki, et. al.			
AAH	5,386,543	Jan. 31, 1995	Bird			
AAI	5,445,871	Aug. 29, 1995	Munse, et. al.			
AAJ	5,461,400	Oct. 24, 1995	Ishii, et. al.			
AAK	5,475,398	Dec. 12, 1995	Yamazaki, et. al.			
AAL	5,483,263	Jan. 9, 1996	Bird, et. al.			
AAM	5,485,177	Jan. 16, 1996	Shannon, et. al.			
AAN	5,532,743	July 2, 1996	Komobuchi			
AAO	5,568,292	Oct. 22, 1996	Kim			
AAP	5,581,378	Dec. 3, 1996	Kalick, et. al.			
AAQ	5,585,817	Dec. 17, 1996	Itoh, et. al.			
AAR	5,610,629	Mar. 11, 1997	Baur			
AAS	5,635,982	June 3, 1997	Zhang, et. al.			
AAT	5,637,187	June 10, 1997	Takasu, et. al.			
AAU	5,652,600	July 29, 1997	Khormael, et. al.			
AAV	5,712,528	Jan. 27, 1998	Barrow, et. al.			
AAW	5,751,453	May 12, 1998	Baur			
AAX	5,757,522	May 26, 1998	Kalick, et. al.			
AAZ	5,767,623	June 16, 1998	Friedman, et. al.			
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AAAB	5,812,109	Sept. 22, 1998	Kaifu, et. al.			
AAAC	5,838,290	Nov. 17, 1998	Kujik			
AAAD	5,838,308	Nov. 17, 1998	Krupp, et. al.			
AAAE	5,852,487	Dec. 22, 1998	Fujinori, et. al.			

[illegible]



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							YES	NO
	BA	DE 1602796 A1	Aug. 6, 1987	Germany				
	BB	DE 197 20 925 A1	December 4, 1997	Germany				
	BC	JP64-40004	Feb. 2, 1989	Japan				
	BD	JP1196620	August 8, 1939	Japan				
	BE	JP2211421	August 22, 1990	Japan				
	BF	JP5019233	Jan. 29, 1993	Japan				
	BG	JP5171707	July 13, 1993	Japan				
	BH	JP5019233	Jan. 29, 1993	Japan				
	BI	JP8166849	June 25, 1996	Japan				
	BJ	JP9185457	Dec. 28, 1995	Japan				
	BK	JP9231002	Sept. 5, 1997	Japan				
	BL	JP9274537	Oct. 21, 1997	Japan				
	BM	JP10040004	Feb. 13, 1998	Japan				
	BN	JP10133817	May 22, 1998	Japan				
	BO	JP10027068	Jun. 27, 1998	Japan				
	BP	JP10133819	May 22, 1998	Japan				
	BQ	JP10186136	July 14, 1998	Japan				
	BR	JP10198515	July 31, 1998	Japan				
	BS	JP11110110	April 23, 1999	Japan				
	BT	JP1124562	Sept. 7, 1999	Japan				
	BU	JP200002041	Jan. 21, 2000	Japan				
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	BW	EP 0 366 913 B1	Nov. 22, 1995					
	BX	EP 0 384 509 B1	May 2, 1997					
	BY	EP 0 426 362 A2	May 8, 1991					
	BZ	EP 0 426 362 A3	May 8, 1991					
	BBA	EP 0 426 469 A2	May 8, 1991					
	BBB	EP 0 426 469 A3	May 8, 1991					
	BBC	EP 0 464 908 B1	Jun. 8, 1992					
	BBD	EP 0 488 455 B1	June 3, 1992					

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FORM PTO-449 (Modified)

LIST OF PATENTS AND PUBLICATIONS FOR
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ATTY. DOCKET NO.

11429/27:1

SERIAL NO.

10/825,922

APPLICANT: Willem den Boer et al.

FILING DATE

April 16, 2004

GROUP

2811

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

AA	2001/0046013	Nov. 29, 2001	Noritake, et al.		
AB	2002/0300361	Mar. 14, 2002	Janiak, et al.		
AC	2002/0027164	Mar. 7, 2002	Mault, et al.		
AD	2002/0052192	May 2, 2002	Yamazaki, et al.		
AE	2003/0103030	Jun. 5, 2003	Wu		
AF	5,568,292	Oct. 22, 1996	Kim		
AG	5,990,988	Nov. 23, 1999	Hanahara et al.		
AH	6,295,113	Sep. 25, 2001	Yang		
AI	6,327,376	Dec. 4, 2001	Harkins		
AJ	6,603,867	Aug. 5, 2003	Sugino		
AK	6,681,034	Jan. 20, 2004	Russo		

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	TRANSLATION	
						YES	NO
BA							
BB							

OTHER ART

CA	
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Examiner Signature	/Chia Wei Chen/	Date Considered	03/26/2010
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¹ Unique citation designation number. ² Applicant is to place a check mark here if English language translation is attached.

Information Disclosure Statement

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Notice of References Cited

10/825,922

Reexamination

Examiner

Art Unit

2811

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A	US-5,568,292	10-1996	Kim, Jeong J.	349/110
B	US-5,990,988	11-1999	Hanihara et al.	349/48
C	US-6,295,113	09-2001	Yang, Chiu-Lien	349/179
D	US-6,380,995	04-2002	Kim, Yong Beom	349/113
E	US-2001/0046013	11-2001	NORITAKE et al.	349/113
F	US-2002/0126240	09-2002	Seiki et al.	349/114
G	US-			
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10/825,922	Reexamination	
Examiner	Art Unit 2811	Page 1 of 1

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*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
A	US-5,838,308	11-1998	Knapp et al.	345/173
B	US-5,818,553	10-1998	Koenck et al.	349/61
C	US-			
D	US-			
E	US-			
F	US-			
G	US-			
H	US-			
I	US-			
J	US-			
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Art Unit

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	A	US-5,838,308	11-1998	Knapp et al.	345/173
	B	US-5,610,629	03-1997	Baur, Peter F.	345/104
	C	US-2001/0000676	05-2001	Zhang et al.	349/12
	D	US-5,204,661	04-1993	Hack et al.	345/88
	E	US-			
	F	US-			
	G	US-			
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Application/Control No.

10/825,922

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Reexamination

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Art Unit

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Page 1 of 1

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A	US-5,386,543	01-1995	Bird, Neil C.	358/1.1
B	US-4,759,610	07-1988	Yanagisawa, Toshio	349/162
C	US-4,655,552	04-1987	Togashi et al.	349/24
D	US-5,610,629	03-1997	Baur, Peter F.	345/104
E	US-5,153,420	10-1992	Hack et al.	250/208.1
F	US-			
G	US-			
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J	US-			
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Application/Control No.

10/825,922

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Reexamination

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Art Unit

2811

Page 1 of 1

U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
A	US-5,751,453	05-1998	Baur, Peter F.	349/12
B	US-5,838,308	11-1998	Knapp et al.	345/173
C	US-6,023,307	02-2000	Park, Eui-yeul	349/24
D	US-5,589,961	12-1996	Shigeta et al.	349/41
E	US-5,483,263	01-1996	Bird et al.	345/207
F	US-5,381,251	01-1995	Nonomura et al.	349/24
G	US-5,151,688	09-1992	Tanaka et al.	345/104
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I	US-4,345,248	08-1982	Togashi et al.	345/90
J	US-5,677,744	10-1997	Yoneda et al.	349/12
K	US-			
L	US-			
M	US-			

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